

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	460.1844USV1	10/766,604
	Applicant	
	Williams	
	Filing Date	Group Art Unit
	January 27, 2004	3761

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,340,875	09/1967	DUDLEY ET AL.			
	3,939,838	02/1976	FUJINAMI ET AL.			
	3,948,257	04/1976	BOSSAK			
	4,237,591	12/1980	GINOCCHIO			
	4,289,513	09/1981	BROWNHILL ET AL.			
	4,525,410	06/1985	HAGIWARA ET AL.			
	4,529,623	07/1985	MAGGS			
	4,547,195	10/1985	JACKSON			
	4,583,980	04/1986	SCHNEIDER ET AL.			
	4,657,808	06/1987	MAGGS			
	4,724,242	02/1988	VASSILEFF			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	CN 1016491	05/1992	CHINA (w/ English abstract)	A 61 F	5/44	XXX	
	WO 91/11977	08/1991	WIPO	A 41 B	9/12	XXX	
	EP 41569	10/1984	EUROPE	A 41 B	13/02	XXX	
	WO 85/02848	07/1985	WIPO	C 07 F	7/02	XXX	
	JP 61-500843	05/1986	JAPAN (w/ English abstract)	C 01 B	33/28	XXX	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	*Notification of First Office Action dated June 4, 2004 from Chinese Patent Appln No.: 99806354.1
	*Notification of Second Office Action dated January 28, 2005 from Chinese Patent Appln No.: 99806354.1
	*Notification of Third Office Action dated July 15, 2005 from Chinese Patent Appln No.: 99806354.1
	*Notification of Fourth Office Action dated March 17, 2006 from Chinese Patent Appln No.: 99806354.1
	*Notification of Fifth Office Action dated August 18, 2006 from Chinese Patent Appln No.: 99806354.1
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	Applicant Williams	
	Filing Date January 27, 2004	Group Art Unit 3761

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,743,237	05/1988	SWEERE			
	4,795,482	01/1989	GIOFFRE ET AL.			
	5,037,412	08/1991	TANZER ET AL.			
	5,122,407	06/1992	YEO ET AL.			
	5,306,487	04/1994	KARAPASHA ET AL.			
	5,342,333	08/1994	TANZER ET AL.			
	5,364,380	11/1994	TANZER ET AL.			
	5,407,442	04/1995	KARAPASHA			
	5,429,628	07/1995	TRINH ET AL.			
	5,580,851	12/1996	TRINH ET AL.			
	H 1732	06/1998	JOHNSON			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	JP 01-299206	12/1989	JAPAN (w/ English abstract)	A 01 N	61/00	XXX	
	JP 03-000057	01/1991	JAPAN (w/ English abstract)	A 61 F	13/15	XXX	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	*Office Action dated March 19, 2001 from US Patent Appln No.: 09/062,993
	*Office Action dated November 24, 2000 from US Patent Appln No.: 09/062,993
	*Office Action dated May 24, 2000 from US Patent Appln No.: 09/062,993
	*Office Action dated March 24, 2000 from US Patent Appln No.: 09/062,993
	*Office Action dated May 9, 2003 from US Patent Appln No.: 09/977,752
	*Office Action dated November 14, 2002 from US Patent Appln No.: 09/977,752

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	3,922,723	12/1975	POPPER			
	5,733,272	03/1998	BRUNNER ET AL.			
	5,944,933	08/1999	HELLER ET AL.			
	4,911,898	03/1990	HAGIWARA ET AL.			
	4,911,899	03/1990	HAGIWARA ET AL.			
	5,744,404	04/1998	TITTERTON ET AL.			
	5,120,693	06/1992	CONNOLLY ET AL.			
	4,959,268	09/1990	HAGIWARA ET AL.			
	5,552,378	09/1996	TRINH ET AL.			
	5,543,157	08/1996	TRINH ET AL.			
	5,571,782	11/1996	TRINH ET AL.			

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						YES	NO

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	*Office Action dated July 19, 2002 from US Patent Appln No.: 09/977,752
	*Office Action dated March 11, 2002 from US Patent Appln No.: 09/977,752
	*Examiner's First Report dated November 14, 2001 from Australian Patent Appln No.: 38637/99
	*Examiner's Second Report dated May 15, 2002 from Australian Patent Appln No.: 38637/99
	*Examination Report dated January 12, 2010 from European Patent Appln No.: 99 921 415.8-1219
	*Written Opinion dated December 3, 1999 from International Appln No.: PCT/US99/08668

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<b>U. S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	3,572,341	03/1971	GLASSMAN				
	6,353,146	03/2002	WILLIAMS				
	4,724,242	02/1988	VASSILEFF				
	5,161,686	11/1992	WEBER ET AL.				
	5,432,000	07/1995	YOUNG ET AL.				
	5,538,783	07/1996	HANSEN ET AL.				
	5,909,884	06/1999	SCHWANKHART				
	6,096,299	08/2000	GUARRACINO ET AL.				
	4,437,429	03/1984	GOLDSTEIN ET AL.				
	4,648,977	03/1987	GARG ET AL.				
	5,681,475	10/1997	LAMENSDORF ET AL.				
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
<b>OTHER DOCUMENTS</b> (including Author, Title, Date, Pertinent Pages, Etc.)							
	*International Preliminary Examination Report dated March 24, 2000 from International Appln No.: PCT/US99/08668						
	*International Search Report dated July 21, 1999 from International Appln No.: PCT/US99/08668						
	*Preliminary Report received August 26, 1999 from Chilean Appln No.: 749-99						
	*Further Report received February 21, 2000 from Chilean Appln No.: 749-99						
	*First Substantive Report received October 28, 2004 from Chilean Appln No.: 3113-99						
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	6,702,797	03/2004	WILLIAMS			
	H 1579	08/1996	FURIO			

## FOREIGN PATENT DOCUMENTS

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						YES	NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	*translation of Office Action dated May 9, 2003 from Venezuelan Appln No.: 99-698
	*translation of Office Action dated February 27, 2003 from Venezuelan Appln No.: 99-698
	*Official Action dated July 18, 2003 from Mexican Appln No.: 010230
	*Official Action dated February 28, 2003 from Mexican Appln No.: 010230
	*Official Action dated May 7, 2010 from Mexican Appln No.: PA/a/2003/008315
	*Examiner's Grounds for Rejection dated April 20, 2006 from Korean Appln No.: 10-2000-7011641

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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	*Office Action dated November 26, 1999 from Argentine Patent Appln No.: P/99/01/01823
	*translation of Office Action dated October 20, 2003 from Norway Patent Appln No.: 2000 5253
	*translation of Office Action dated July 16, 2003 from Norway Patent Appln No.: 2000 5253
	*translation of Office Action dated April 30, 2003 from Norway Patent Appln No.: 2000 5253
	*translation of Office Action dated October 21, 2002 from Norway Patent Appln No.: 2000 5253
	*Notification of Reason for Rejection dated February 17, 2009 from Japanese Appln No.: 2000-544290
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	*Final Rejection dated March 4, 2010 from Japanese Appln No.: 2000-544290

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